

# Comparisons of Job Characteristics

**Focus Occupation:** [Medical Assistants \(31-9092\)](#)

**Associated Occupation:** [Emergency Medical Technicians and Paramedics \(29-2041\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 81

**Focus Occupation:** Medical Assistants (31-9092)

**Associated Occupation:** Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	21.0	13.7	<<	Extensive education and/or training may be required
Medicine and Dentistry	3.7	16.4	12.5	<<	Extensive education and/or training may be required
Psychology	6.4	12.5	9.3	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	12.4	7.8	<<	Extensive education and/or training may be required
Transportation	4.6	11.7	3.2	<<	Extensive education and/or training may be required
Personnel and Human Resources	5.6	11.2	5.3	<<	Extensive education and/or training may be required
Therapy and Counseling	3.8	10.5	6.0	<<	Extensive education and/or training may be required
Telecommunications	3.9	7.5	2.7	<<	Extensive education and/or training may be required
Biology	3.7	7.0	2.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 84

**Focus Occupation:** Medical Assistants (31-9092)

**Associated Occupation:** Emergency Medical Technicians and Paramedics (29-2041)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Service Orientation	7.9	11.9	10.1	<	A higher skill level may be required

Coordination	9.1	11.6	9.6	<	A higher skill level may be required
Active Learning	8.7	11.4	9.6	<	A higher skill level may be required
Science	4.5	11.1	5.8	<<	Extensive development of skills in this area may be required
Operation and Control	5.4	9.1	1.6	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 78

**Focus Occupation: Medical Assistants (31-9092)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Perceptual Speed	7.4	11.0	8.2	<<	Extensive improvement in abilities may be required
Static Strength	5.0	11.0	4.1	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	10.1	1.0	<<	Extensive improvement in abilities may be required
Time Sharing	6.6	9.1	7.2	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	6.8	1.0	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	5.6	1.0	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation: Medical Assistants (31-9092)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

Work Activities	Exclusivity of Activity
Administer injections	60
Administer medications or treatments	46
Follow patient care procedures	60
Inventory medical supplies or instruments	67
Lift or transport ill or injured patients	69
Observe patient condition	48
Obtain information from clients, customers, or patients	40
Record medical history or data	68
Set up patient care equipment	75

Take vital signs	56
Use knowledge of medical terminology	40
Use sanitation practices in health care settings	48
Work with persons with mental disabilities or illnesses	62

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 81

**Focus Occupation: Medical Assistants (31-9092)**

**Associated Occupation: Emergency Medical Technicians and Paramedics (29-2041)**

Tools and Technologies	Exclusivity
Airway management products	30
Blood pressure units and related products	11
Casting and splinting supplies	25
Computers	1
Data management and query software	1
Electrocardiography EKG units and related products	20
Industry specific software	1
Injection and aspiration needles and accessories	25
Intubation supplies	21
Medical suction and vacuum products	33
Oxygen therapy delivery systems and devices	13
Respiratory humidity and aerosol therapy products	31
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Syringes and accessories	14

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.